Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A bipolar battery, comprising:

a plurality of bipolar electrodes, each having a positive electrode layer on one side of a collecting foil and a negative electrode layer on the other side of the collecting foil;

a plurality of polymer electrolyte layers, each disposed between the bipolar electrodes; and

a plurality of insulation layers, each of the insulation layers being provided on an exposed portion in a periphery of at least one side of the collecting foil, [[and]] being a flexible and adhesive insulation film, and being protruded outward beyond the collecting foil with a protruding length longer than a thickness of one single cell, the single cell being composed of the positive electrode layer, the negative electrode layer and the electrolyte layer therebetween,

wherein the insulation layers are bent to partially overlap each other, in order to isolate the positive electrode layer from the negative electrode layer within the single cell and to isolate between the electrolyte layers of the neighboring single cells.

Claims 2-7 (Cancelled)

8. (Currently Amended) A vehicle, comprising;

a power source having a bipolar battery,

the bipolar battery, comprising: a plurality of bipolar electrodes, each having a positive electrode layer on one side of a collecting foil and a negative electrode layer on the other side of the collecting foil; a plurality of polymer electrolyte layers, each disposed between the bipolar electrodes; and a plurality of insulation layers, each of the insulation layers being provided on an exposed portion in a periphery of at least one side of the collecting foil, [[and]] being a flexible and adhesive insulation film, and being protruded outward beyond the collecting foil with a protruding length longer than a thickness of one single cell, the single cell being composed of the positive electrode layer, the negative electrode layer and the electrolyte layer therebetween,

wherein the insulation layers are bent to partially overlap each other, in order to isolate the positive electrode layer from the negative electrode layer within the single cell and to isolate between the electrolyte layers of the neighboring single cells.

Claims 9-11 (Cancelled)

12. (New) A bipolar battery according to claim 1,

wherein the insulation film has an opening in which the positive electrode layer or the negative electrode layer is disposed.

13. (New) A bipolar battery according to claim 12,

wherein a cut or a notch is made in a corner or a periphery of the insulation film.

14. (New) A vehicle according to claim 8,

wherein the insulation film has an opening in which the positive electrode layer or the negative electrode layer is disposed.

15. (New) A vehicle according to claim 14,

wherein a cut or a notch is made in a corner or a periphery of the insulation film.

16. (New) A bipolar battery, comprising:

a plurality of bipolar electrodes, each having a positive electrode layer on one side of a collecting foil and a negative electrode layer on the other side of the collecting foil;

a plurality of polymer electrolyte layers, each disposed between the bipolar electrodes; and

a plurality of insulation layers, each of the insulation layers being provided on an exposed portion in a periphery of at least one side of the collecting foil, being a flexible insulation film, and being protruded outward beyond the collecting foil with a protruding length longer than a thickness of one single cell, the single cell being composed of the positive electrode layer, the negative electrode layer and the electrolyte layer therebetween,

wherein the insulation layers are bent to partially overlap each other, and an insulation tape further covers the bent insulation layers, so that the insulation layers and the insulation tape isolate the positive electrode layer from the negative electrode layer within the single cell and isolate between the electrolyte layers of the neighboring single cells.

17. (New) A bipolar battery according to claim 16,

wherein the insulation film is adhesive.

18. (New) A bipolar battery according to claim 16,

wherein the insulation film has an opening in which the positive electrode layer or the negative electrode layer is disposed.

19. (New) A bipolar battery according to claim 18,

wherein a cut or a notch is made in a corner or a periphery of the insulation film.

20. (New) A vehicle, comprising;

a power source having a bipolar battery,

the bipolar battery comprising: a plurality of bipolar electrodes, each having a positive electrode layer on one side of a collecting foil and a negative electrode layer on the other side of the collecting foil; a plurality of polymer electrolyte layers, each disposed between the bipolar electrodes; and a plurality of insulation layers, each of the insulation layers being provided on an exposed portion in a periphery of at least one side of the collecting foil, being a flexible insulation film, and being protruded outward beyond the collecting foil with a protruding length longer than a thickness of one single cell, the single cell being composed of the positive electrode layer, the negative electrode layer and the electrolyte layer therebetween,

wherein the insulation layers are bent to partially overlap each other, and an insulation tape further covers the bent insulation layers, so that the insulation layers and the insulation tape

isolate the positive electrode layer from the negative electrode layer within the single cell and isolate between the electrolyte layers of the neighboring single cells.

21. (New) A vehicle according to claim 20,

wherein the insulation film is adhesive.

22. (New) A vehicle according to claim 20,

wherein the insulation film has an opening in which the positive electrode layer or the negative electrode layer is disposed.

23. (New) A vehicle according to claim 22,

wherein a cut or a notch is made in a corner or a periphery of the insulation film.